

Listing of Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A package (1) intended to be used to transport objects (2) which are sterile or to be sterilized, comprising: a box (3) intended to accommodate the objects (2); ~~which are sterile or to be sterilized and~~ a covering sheet (4) made of a selectively leaktight material[[,]] which is fastened onto the box (3) so as to seal the ~~latter~~ box in a leaktight manner; ~~package (1) which comprises at least one layer (6, 8) of a material forming a screen which is capable of at least one of passing at least partial with respect to a decontamination gas, for example, with respect to hydrogen peroxide vapor, and/or and being able to absorb a the decontamination gas; , for example, hydrogen peroxide vapor, this the layer (6, 8) having a shape and dimensions such that it the layer can be placed in the box (3) along the covering sheet (4) and that it lies, in this position, above the objects (2) contained in the package (1), one of said layer or layers (6, 8), or and the objects (2) being mobile between a diffusion position, allowing wherein unrestricted diffusion of the a sterilization gas over, between and possibly within the objects (2) in the package is allowed, and a nondiffusion position wherein diffusion of at least a portion, enabling restricted, or even prevented diffusion of the decontamination gas, for example, the hydrogen peroxide vapor over, is prevented from entering the package; between and possibly within these same objects (2), and in that it further comprises the package further comprising a plate or a grid (20) provided with projections (21), the plate being shaped in order, in said diffusion position, to allow unrestricted diffusion of the sterilization gas in the package over, between and possibly within the objects (2), and, in said nondiffusion position, to restrict or prevent at least a portion diffusion of the decontamination gas, for example of the hydrogen peroxide vapor over, from diffusing in the package between and possibly within these same objects (2).~~

2. (Currently Amended) The package (4) as claimed in claim 1, ~~characterized in that~~ wherein said layer ~~or at least one of said layers~~ is attached to the covering sheet, ~~especially by adhesive bonding or welding, and in that this~~ and the layer ~~or these layers are~~ is dimensioned so as to define, on the covering sheet, a peripheral region for fastening ~~this~~ the covering sheet to the box.

3. (Currently Amended) The package (4) as claimed in claim 1, ~~characterized in that~~ wherein said layer (6, 8) ~~or at least one of said layers (6, 8) are~~ is arranged on the objects (2) placed inside the box (3), prior to sealing the covering sheet (4), ~~or on supports provided to this end, or on a part for positioning objects (2), placed in this box (3).~~

4. (Currently Amended) The package (4) as claimed in claim 1, ~~which comprises at least~~ wherein said layer of material comprises a pair of layers of material and wherein one of said layers is attached to the covering sheet and ~~at least one~~ the other of said layers is arranged inside the box.

5. (Currently Amended) The package (4) as claimed in ~~one of claims 1 to 4,~~ wherein said layer of material comprises a plurality of ~~which comprises several~~ layers of material in order to form said screen.

6. (Currently Amended) The package (4) as claimed in claim 5, ~~characterized in that~~ wherein the layers of material forming said screen are identical from one layer to the other.

7. (Currently Amended) The package (4) as claimed in claim 5, ~~characterized in that~~ wherein the layers of material forming said screen are different from one layer to the other.

8. (Currently Amended) The package (1) as claimed in ~~one of claims 1 to claim 7,~~ characterized in that wherein the layer or layers (6, 8) ~~able to form said screen~~ are shaped in order to define, when ~~they~~ the layers are in place in the box (3), ~~one or more lateral or~~ at least one of a lateral opening, a peripheral openings opening, and an interstice or interstices between their the edges of the layers and the walls of this the box (3).

9. (Currently Amended) The package (1) as claimed in claim 8, characterized in that wherein said layer or layers (6, 8) have smaller dimensions than those of the box (3), such that said layers they define ~~one or more interstices~~ at least one interstice between their edges of said layers and the walls of this the box (3).

10. (Currently Amended) The package as claimed in claim 8 ~~or claim 9,~~ characterized in that wherein said layer or layers comprise, at their edges, one of notches and/or and cutouts in the form of pegs; such that the notches and cutouts form they make openings between their edges of said layers and the walls of the box (3).

11. (Currently Amended) The package as claimed in claim 1, wherein ~~any one of the preceding claims,~~ characterized in that it is shaped such that said one of the layer or layers (6, 8) and/or and the objects (2) go from the diffusion position to the nondiffusion position by gravity depending on whether the package (1) is placed in a first position corresponding to the diffusion position, or whether it the package is placed in a second position, reversed with respect to said first position, corresponding to the nondiffusion position.

12. (Currently Amended) The package (4) as claimed in claim 1, wherein the covering sheet is formed of high-density polyethylene.

Claim 13-17 (Canceled)

18. (Currently Amended) A process of fabricating the package (4) of claim 1 as claimed in one of claims 1 to 17, which comprises the steps consisting in: comprising the steps of: using at least one material capable of forming a screen from at least one material which is capable of at least one of passing at least partial with respect to a decontamination gas, for example with respect to hydrogen peroxide vapor, and/or capable of absorbing and being able to absorb a decontamination gas; ~~for example hydrogen peroxide vapor~~, making at least one a layer (6, 8) of this the material, ~~while choosing the~~ having a shape and the dimensions of ~~layer (6, 8)~~ such that the ~~latter~~ layer can be placed in the box (3) along the covering sheet (4) and that the layer, lies along the covering sheet it lies, in this position, above the objects (2) contained in the package; (4), making a plate or a grid (20) provided with projections (21) shaped in order, in a diffusion position, to allow unrestricted diffusion of the sterilization gas in the package over, between and possibly within the objects (2); and, in a nondiffusion position, to ~~restrict or prevent~~ at least a portion diffusion of the decontamination gas, ~~for example of the hydrogen peroxide vapor over,~~ from diffusing in the package between and possibly within these same objects (2) .

19. (Currently Amended) The process as claimed in claim 18, further comprising which comprises the steps consisting in of: dimensioning said layer or at least one of said layers such that, when this the layer is attached to the covering sheet (4), ~~it~~ the layer defines on this covering sheet (4) a

peripheral region for fastening ~~this~~ the covering sheet (4) to the box (3); and attaching said layer ~~or at least one of said layers~~ to the covering sheet (4), ~~especially by adhesive bonding or welding~~.

20. (Currently Amended) The process as claimed in claim 18 ~~or claim 19, which comprises further comprising the step of consisting in~~ arranging said layer ~~or at least one of said layers (6, 8)~~ on the objects (2) placed inside the box (3), prior to sealing the covering sheet (4).

21. (Currently Amended) The process as claimed in claim 18, wherein the layer comprises a plurality of layers, said process further comprising ~~one of claims 18 to 19, which comprises the steps consisting in of:~~ dimensioning at least one of said layers such that, when ~~this~~ the at least one layer is attached to the covering sheet (4), ~~it~~ the at least one layer defines on ~~this~~ the covering sheet (4) a peripheral region for fastening ~~this~~ the covering sheet (4) to the box (3); ~~attaching this~~ the at least one layer ~~or these layers or at least one of said layers~~ to the covering sheet (4), ~~especially by adhesive bonding or welding;~~ and arranging at least one other layer of said plurality of layers on the objects (2) placed inside the box (3), prior to sealing the covering sheet (4), ~~or on supports provided to this end, or on a part for positioning the objects (2), placed in this box (3).~~

22. (Currently Amended) A sterilizing and decontamination process using the package (4) as claimed in claim 1, which comprises the steps ~~consisting in of:~~ placing the package (4) in the diffusion position during the sterilization process; and placing the package (4) in the nondiffusion position during the decontamination process.

23. (Currently Amended) ~~The~~ A sterilization and decontamination process using the package (4) as claimed in claim 11, ~~which comprises the steps consisting in~~ comprising the steps of:

placing the package (1) in a first position during the sterilization process, in which said layer ~~or layers (6, 8)~~ and the objects (2) are in the diffusion position, such that this said layer ~~or these layers (6, 8)~~ restricts only ~~moderately, or even not at all,~~ the diffusion of the sterilization gas in the package ~~over, between and possibly within the objects (2);~~ and placing the package (1) in a second position during the decontamination process, in which said layer ~~or layers (6, 8)~~ and the objects (2) are in the nondiffusion position, such that this said layer restricts ~~or these layers (6, 8) restrict, or even prevent,~~ the diffusion of the decontamination gas in the package.

Claims 24-25 (Canceled)